

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

ARC 2589 CIP

Application Number

08/190,887

Applicant(s)

CORMIER, Michel J.N., et al.

Filing Date

11/12/98

Group Art Unit

1627
1646

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
ML		WO 97/39768 A	10/97	PCT	A61K	38/27		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Green, Philip G., Journal of Controlled Release, 41 (11996) 33-48 pp, "Iontophoretic Delivery of Peptide Drugs".

EXAMINER

B. Leesa

DATE CONSIDERED

9/3/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. ARC 2589 C		SERIAL NO. 091,90,887	
				FILING		GROUP 1627	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ML	H 1160	04/93	Maulding et al.	604	20	—	
ML	4,250,878	02/81	Jacobsen et al.	128	207	—	
ML	4,383,529	05/83	Webster	604	20	—	
ML	4,722,726	02/88	Sanderson et al.	604	20	—	
ML	4,744,787	05/88	Phipps et al.	604	20	—	
ML	4,747,819	05/88	Phipps et al.	604	20	—	
ML	4,752,285	06/88	Petelenz et al.	604	20	—	
ML	5,080,646	01/92	Theeuwes et al.	604	20	—	
ML	5,169,383	12/92	Gyory et al.	604	20	—	
ML	5,250,023	10/93	Lee et al.	604	20	—	
ML	5,312,326	05/94	Myers et al.	604	20	—	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ML	WO 93/12812	07/93	Sorensen, et al.	A61K	37/36	—	—
ML	WO 97/48440	12/97	Cormier, et al.	A61N	1/30	—	—
ML	WO 98/28037	07/98	Theeuwes, et al.	A61M	37/00	—	—
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
ML		Burnette, Ronald R., et al., "Comparison Between the Iontophoretic and Passive Transport of Thyrotropin Releasing Hormone Across Excised Nude Mouse Skin", Journal of Pharmaceutical Sciences, Vol. 75, No. 8, August 1986, pp 738-743.					
ML		Chien, Yie W., et al., "Direct Current Iontophoretic Transdermal Delivery of Peptide and Protein Drugs", Journal of Pharmaceutical Sciences, Vol. 78, No. 5, May 1989, pp 376-383					
EXAMINER B. CELSA				DATE CONSIDERED 09.31.00			

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ML</i>	5,387,189	02/95	Gyory, et al.	604	20	—
<i>ML</i>	5,533,971	07/96	Phipps	604	20	—
<i>ML</i>	5,624,415	04/97	Cormier et al.	604	290	—

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ML</i>	Creighton, Thomas E., Proteins: Structures and Molecular Properties, 2nd Ed. (1993)
<i>ML</i>	Heit, Mark C., et al., "Transdermal Iontophoretic Peptide Delivery: In Vitro and In Vivo Studies with Luteinizing Hormone Releasing Hormone", Journal of Pharmaceutical Sciences, Vol. 82, No. 3, March 1993, PP 240-243.

EXAMINER

B. G. Costa

DATE CONSIDERED

9/3/00

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ARC 2589 C

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09/
190, 887

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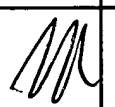
U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Hadzija, Boka W., et al., "Effect of Freezing on Iontophoretic Transport Through Hairless Rat Skin", J. Pharm. Pharmacol., 1992 44:387-390.
		Ogiso, Taro, et al., "Dissociation of Insulin Oligomers and Enhancement of Percutaneous Absorption of Insulin", Biol. Pharm. Bull., Vol. 19, No. 8, pp 1049-1054 (1996).

EXAMINER

B CCLSA

DATE CONSIDERED

2/3/00

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. ARC 2589 C	SERIAL NO. 09/ 190,587
	FILING	GROUP 1627

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Brange, Jens, "Stability of Insulin: Studies on the physical and chemical stability of insulin in pharmaceutical formulation", Kluwer Academic Publishers
			Brange, Jens, "Galenics of Insulin: The Physico-chemical and Pharmaceutical Aspects of Insulin and Insulin Preparations", Springer-Verlag.

EXAMINER <div style="text-align: center; font-family: cursive;">B. C. WSA</div>	DATE CONSIDERED <div style="text-align: center;">9/3/00</div>
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